Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
Data File : BM046861.D
Acq On : 27 Jul 2024 10:24
Operator : MA/JU
Sample : P3264-18
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CM6

Quant Time: Jul 28 23:29:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.463	152	4673	0.400	ng/ul	0.00
4) Naphthalene-d8	10.220	136	13455	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.112	164	12507	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.865	188	23723	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.079	240	10346	0.400	ng/ul	# 0.00
23) Perylene-d12	23.206	264	12291	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.092	96	6323	1.932	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.820	152	3327	0.156	ng/ul	0.00
18) Fluoranthene-d10	18.908	212	7531	0.224	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.270	128	14328	0.421	ng/ul	97
7) 2-Methylnaphthalene	11.892	142	5580	0.238	ng/ul	100
8) 1-Methylnaphthalene	12.117	142	4601	0.190	ng/ul	99
10) Acenaphthylene	13.825	152	27749	0.484	ng/ul	98
11) Acenaphthene	14.172	153	36963	0.951	ng/ul	100
12) Fluorene	15.167	166	42046	0.865	ng/ul	99
15) Phenanthrene	16.908	178	691265	10.138	ng/ul	97
16) Anthracene	16.996	178	116310	1.832	ng/ul	99
19) Fluoranthene	18.940	202	1016650	22.375	ng/ul	98
20) Pyrene	19.303	202	707873	15.060	ng/ul#	96
21) Benzo(a)anthracene	21.061	228	347264	8.055	ng/ul	99
22) Chrysene	21.114	228	356742	8.146	ng/ul	99
24) Benzo(b)fluoranthene	22.581	252	660076	12.232	ng/ul	92
25) Benzo(k)fluoranthene	22.742	252	53863	0.991	ng/ul	97
26) Benzo(a)pyrene	23.116	252	205764	5.312	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.310	276	187148	3.139	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.320	278	55066	1.262	ng/ul	94
29) Benzo(g,h,i)perylene	25.954	276	23306	0.444	ng/ul#	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
Data File : BM046861.D
Acq On : 27 Jul 2024 10:24
Operator : MA/JU
Sample : P3264-18
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
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A4CM6

Quant Time: Jul 28 23:29:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
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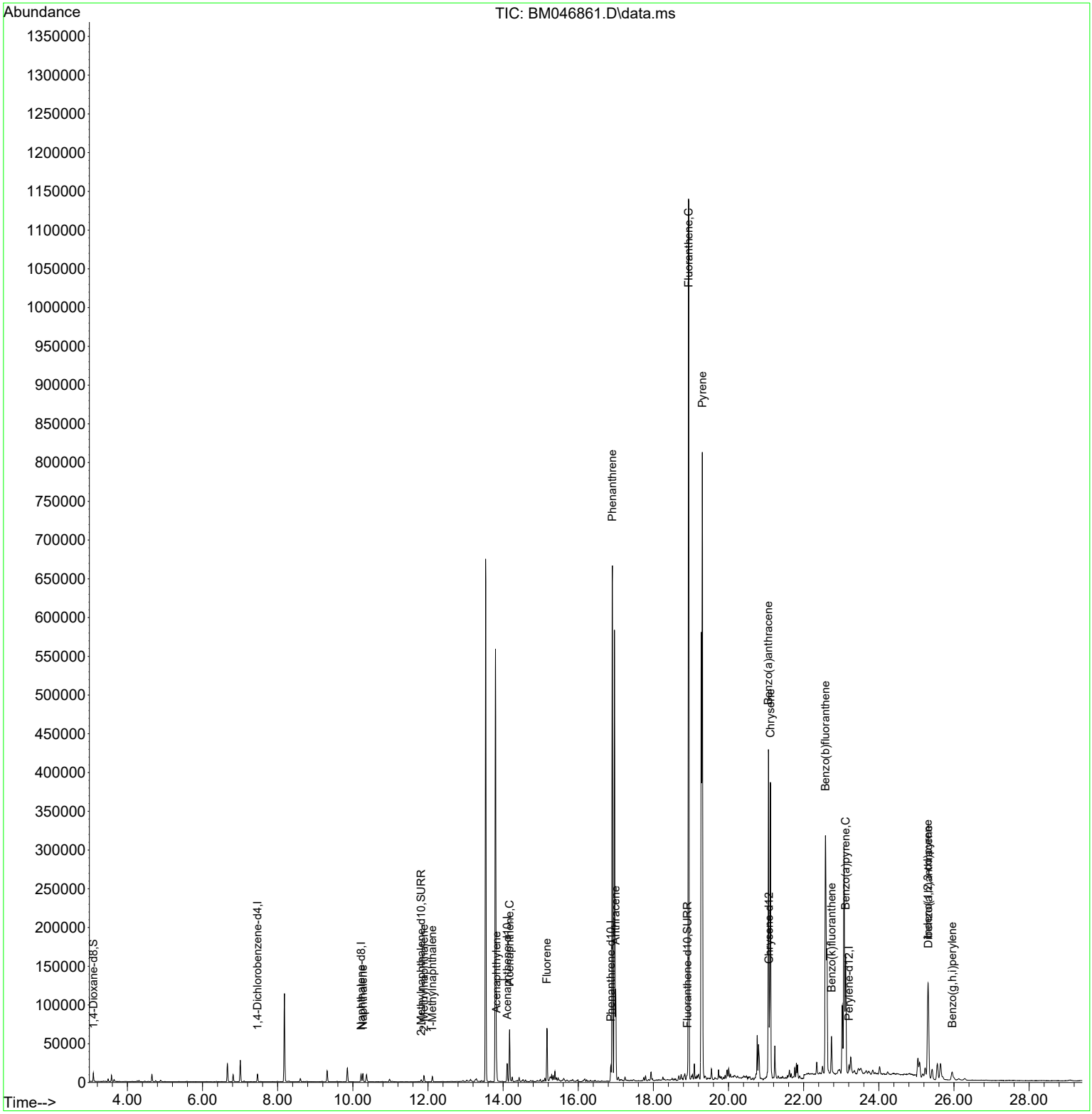
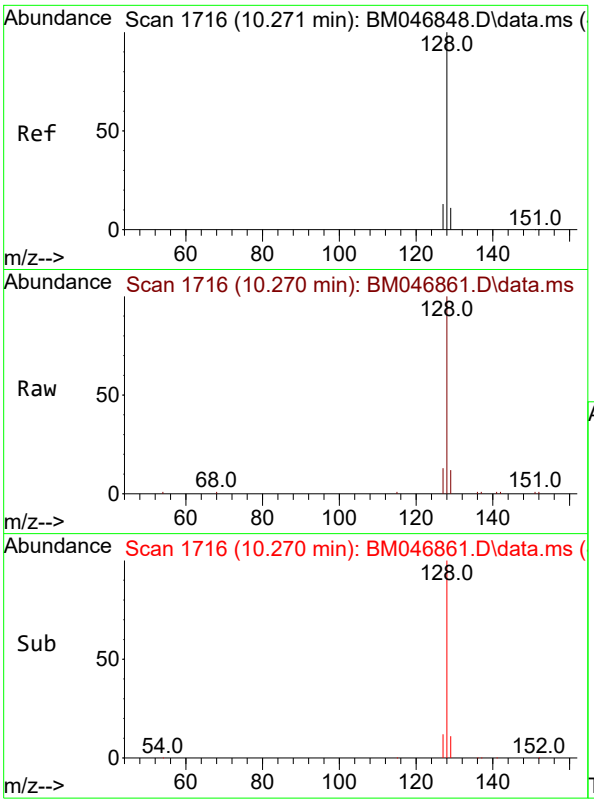


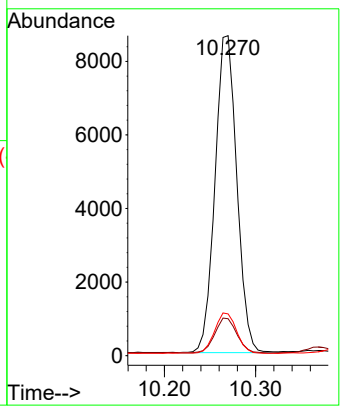


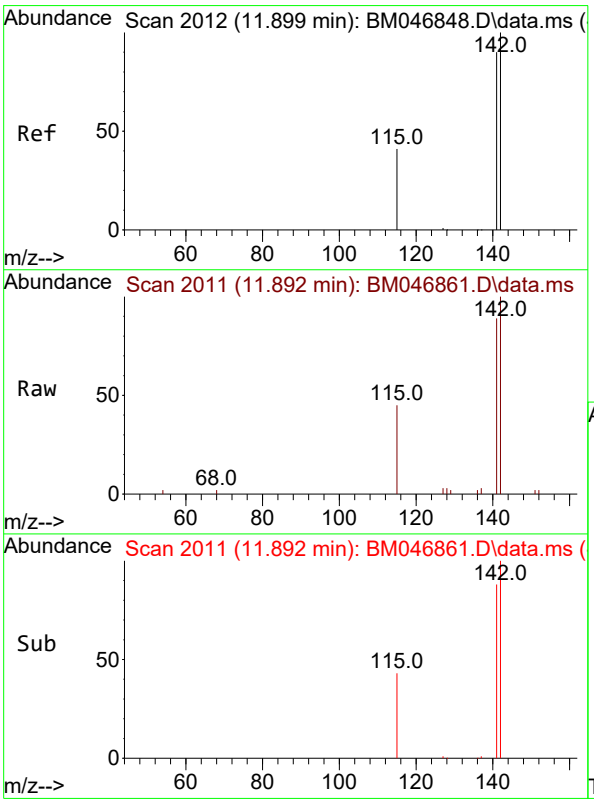
#5
Naphthalene
Concen: 0.421 ng/ul
RT: 10.270 min Scan# 1
Delta R.T. -0.007 min
Lab File: BM046861.D
Acq: 27 Jul 2024 10:24

Instrument :
BNA_M
ClientSampleId :
A4CM6

Tgt Ion:128 Resp: 14328

Ion	Ratio	Lower	Upper
128	100		
129	11.5	10.1	15.1
127	13.1	11.5	17.3

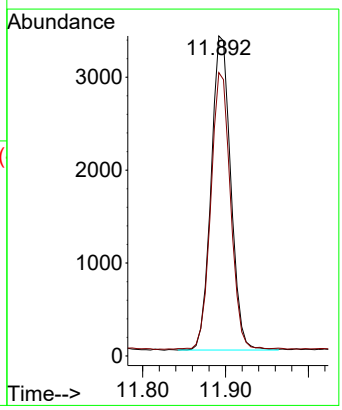


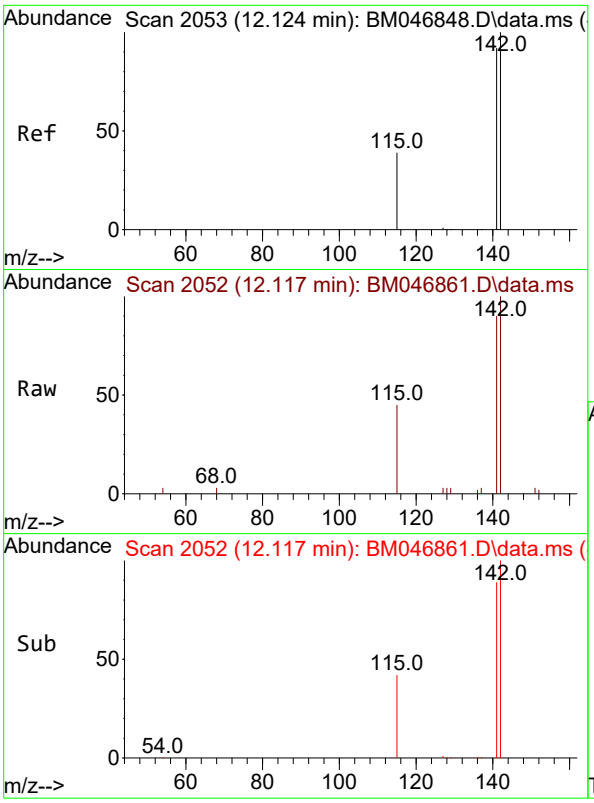


#7
2-Methylnaphthalene
Concen: 0.238 ng/ul
RT: 11.892 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BM046861.D
Acq: 27 Jul 2024 10:24

Tgt Ion:142 Resp: 5580

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.5	105.7



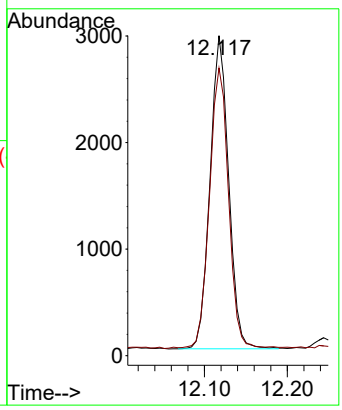


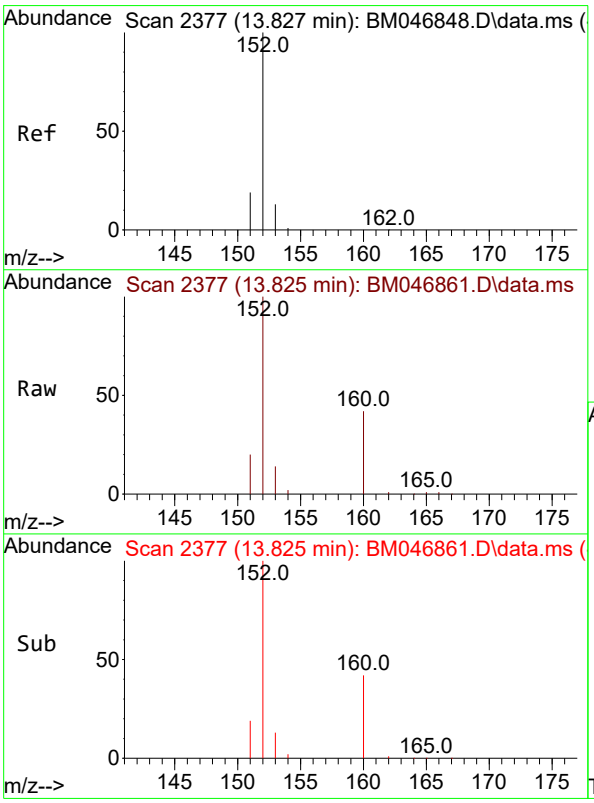
#8
1-Methylnaphthalene
Concen: 0.190 ng/ul
RT: 12.117 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM046861.D
Acq: 27 Jul 2024 10:24

Instrument :
BNA_M
ClientSampleId :
A4CM6

Tgt Ion:142 Resp: 4601

Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.1	109.7

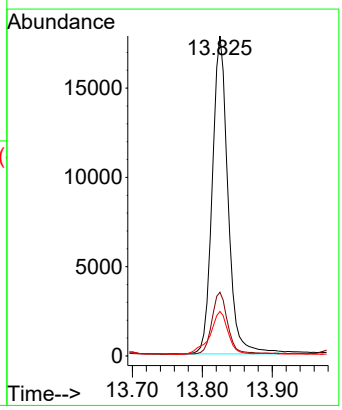


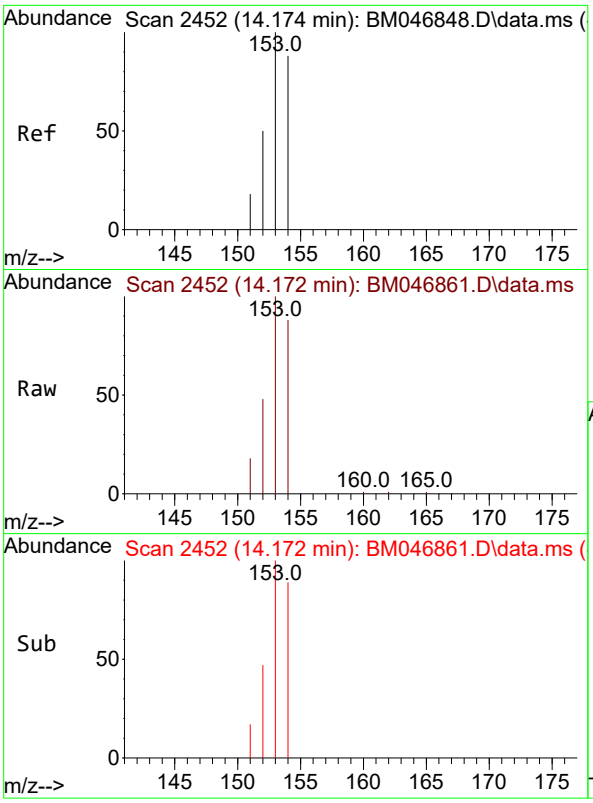


#10
Acenaphthylene
Concen: 0.484 ng/ul
RT: 13.825 min Scan# 2377
Delta R.T. -0.006 min
Lab File: BM046861.D
Acq: 27 Jul 2024 10:24

Tgt Ion:152 Resp: 27749

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.8	25.2
153	13.9	11.0	16.6



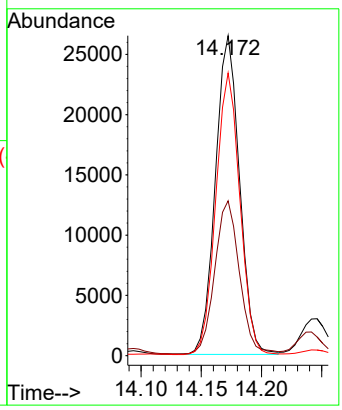


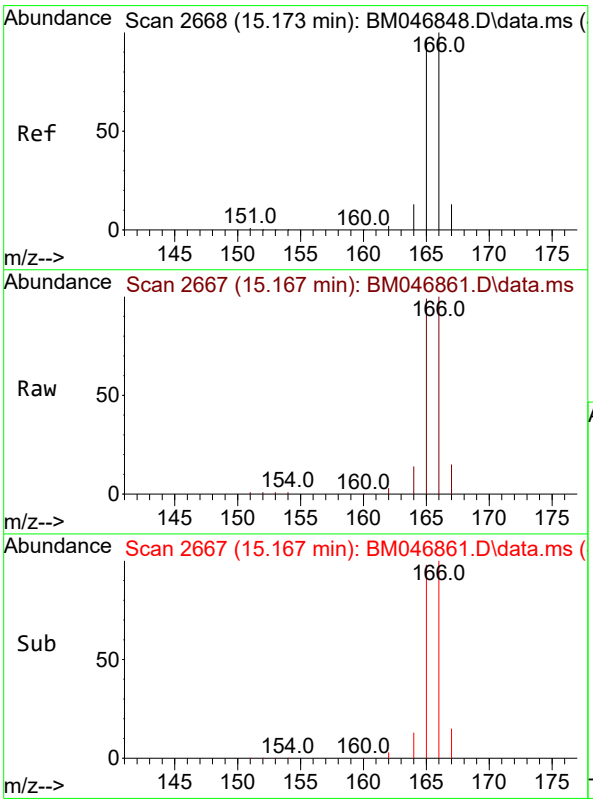
#11
Acenaphthene
Concen: 0.951 ng/ul
RT: 14.172 min Scan# 24
Delta R.T. -0.011 min
Lab File: BM046861.D
Acq: 27 Jul 2024 10:24

Instrument :
BNA_M
ClientSampleId :
A4CM6

Tgt Ion:153 Resp: 36963

Ion	Ratio	Lower	Upper
153	100		
152	48.4	38.6	57.8
154	88.4	70.8	106.2

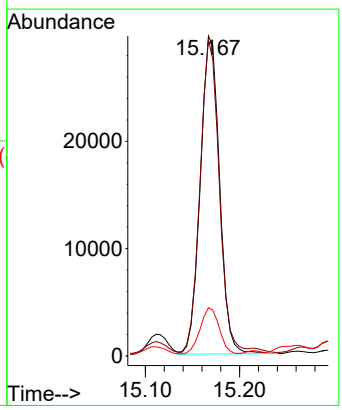


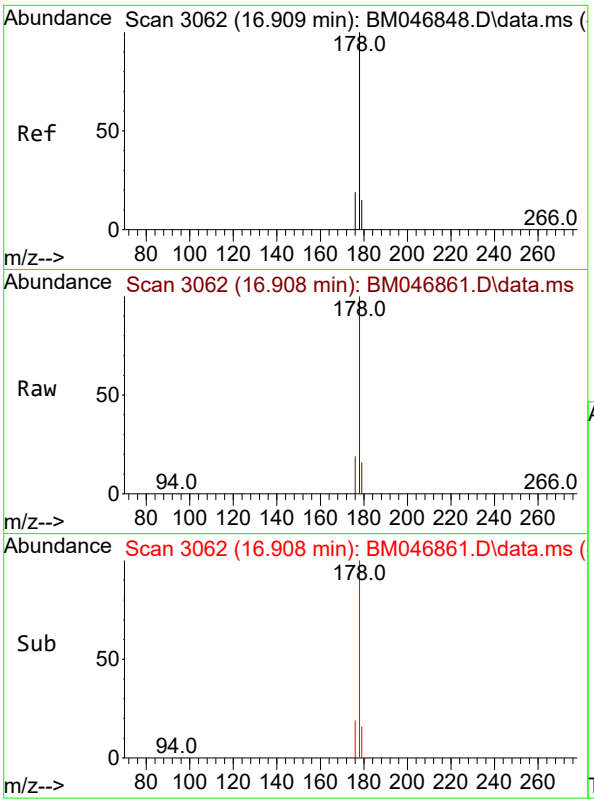


#12
Fluorene
Concen: 0.865 ng/ul
RT: 15.167 min Scan# 2667
Delta R.T. -0.011 min
Lab File: BM046861.D
Acq: 27 Jul 2024 10:24

Tgt Ion:166 Resp: 42046

Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.8	119.6
167	15.0	12.3	18.5



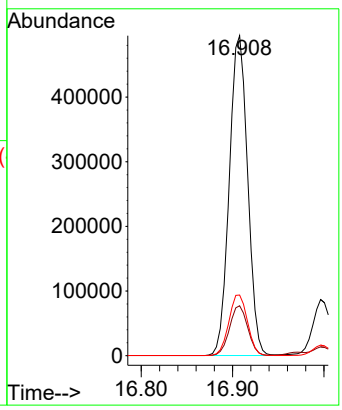


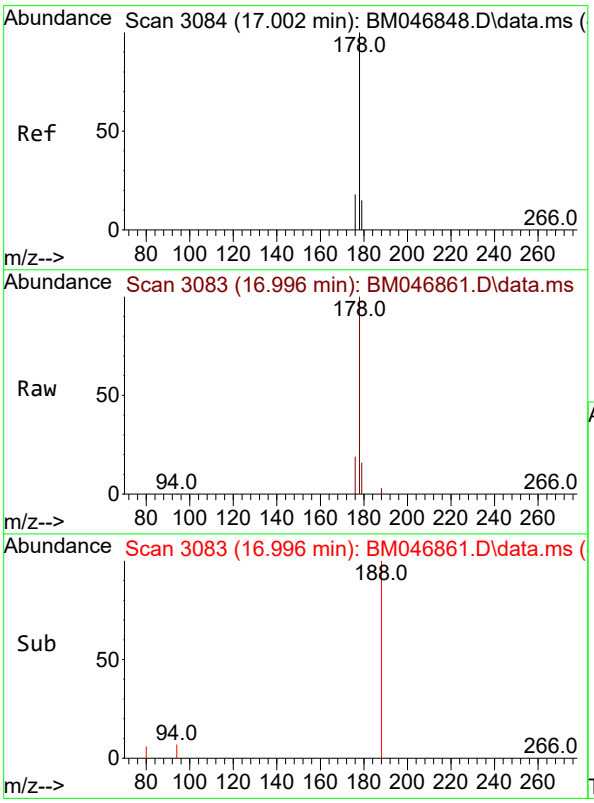
#15
Phenanthrene
Concen: 10.138 ng/ul
RT: 16.908 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM046861.D
Acq: 27 Jul 2024 10:24

Instrument :
BNA_M
ClientSampleId :
A4CM6

Tgt Ion:178 Resp: 691265

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.4	20.2
176	18.9	16.1	24.1

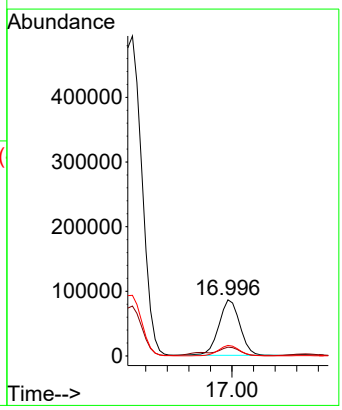


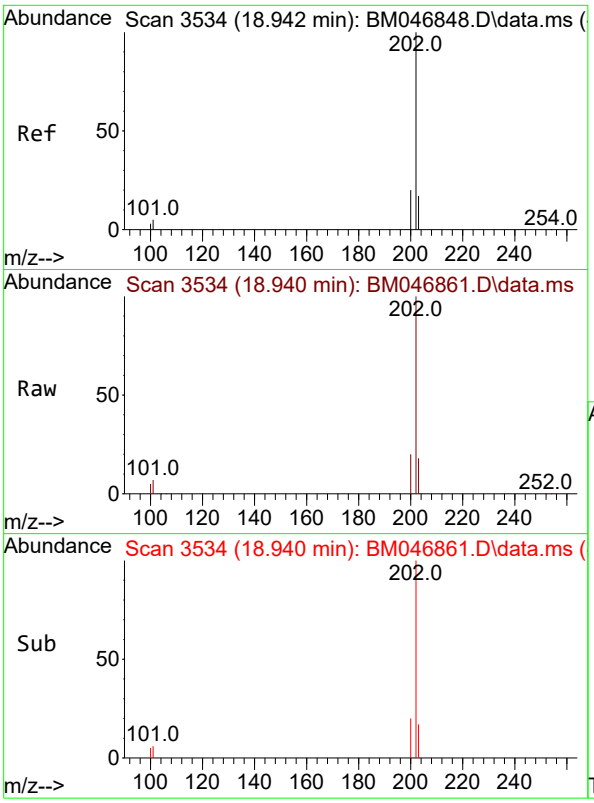


#16
Anthracene
Concen: 1.832 ng/ul
RT: 16.996 min Scan# 3083
Delta R.T. -0.010 min
Lab File: BM046861.D
Acq: 27 Jul 2024 10:24

Tgt Ion:178 Resp: 116310

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.1	19.7
176	18.7	15.0	22.6



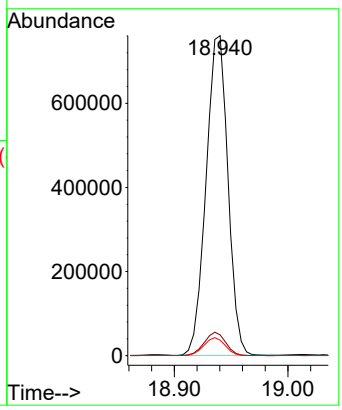


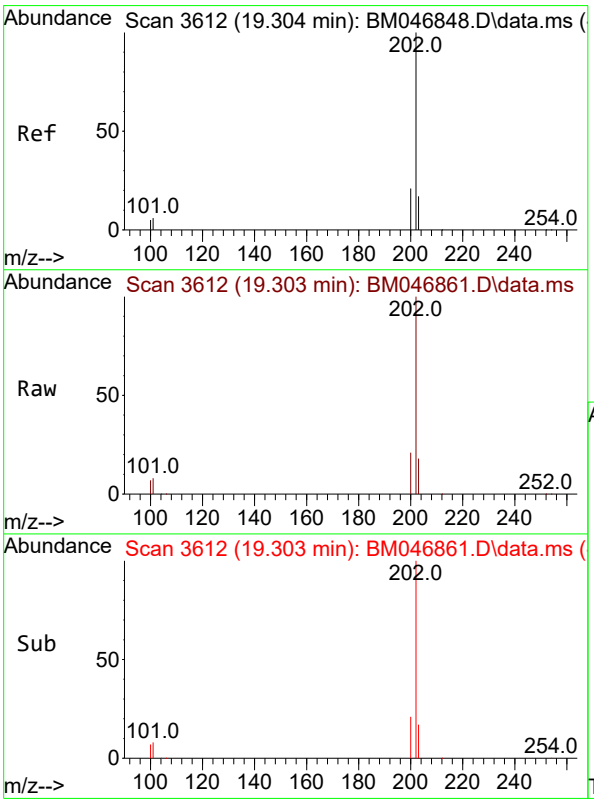
#19
Fluoranthene
Concen: 22.375 ng/ul
RT: 18.940 min Scan# 3
Delta R.T. -0.001 min
Lab File: BM046861.D
Acq: 27 Jul 2024 10:24

Instrument :
BNA_M
ClientSampleId :
A4CM6

Tgt Ion:202 Resp: 1016650

Ion	Ratio	Lower	Upper
202	100		
101	6.5	4.7	7.1
100	4.9	3.4	5.2

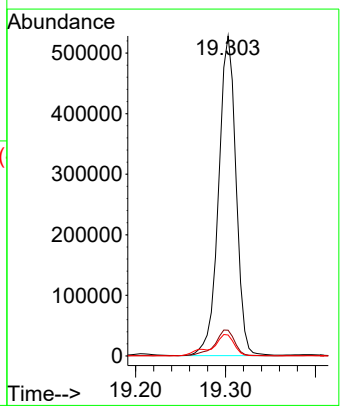


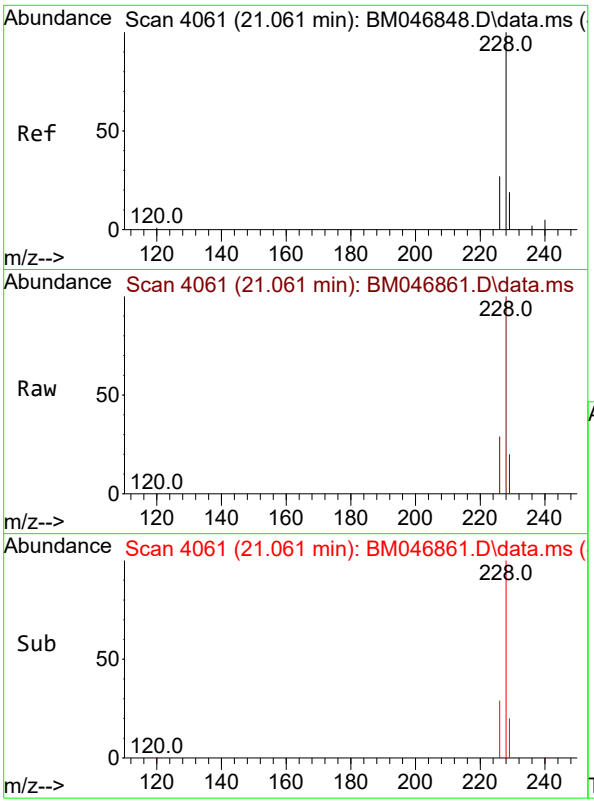


#20
Pyrene
Concen: 15.060 ng/ul
RT: 19.303 min Scan# 3612
Delta R.T. -0.001 min
Lab File: BM046861.D
Acq: 27 Jul 2024 10:24

Tgt Ion:202 Resp: 707873

Ion	Ratio	Lower	Upper
202	100		
101	8.0	5.2	7.8#
100	6.6	4.3	6.5#



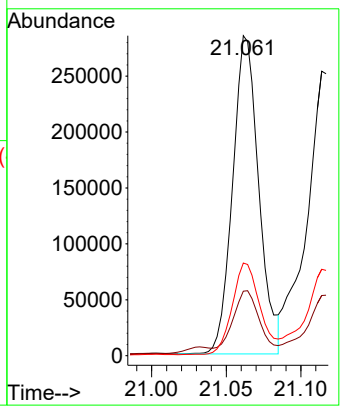


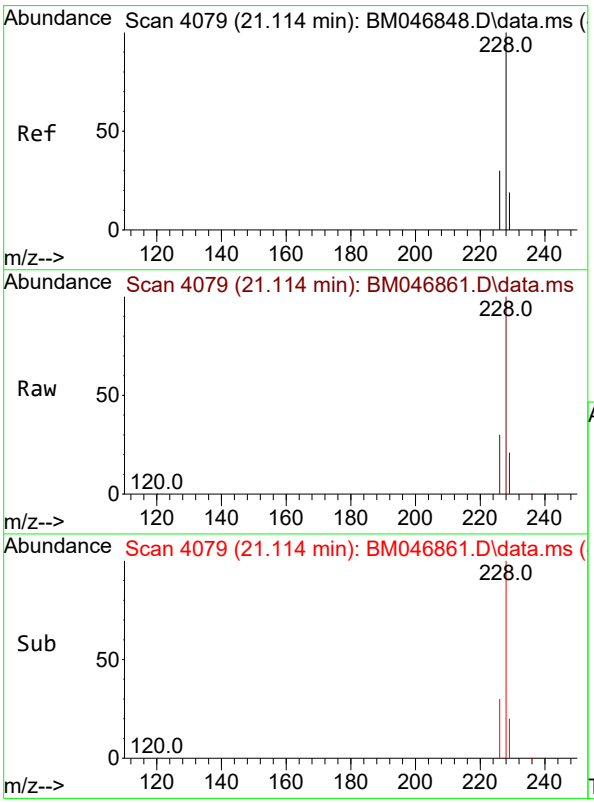
#21
Benzo(a)anthracene
Concen: 8.055 ng/ul
RT: 21.061 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM046861.D
Acq: 27 Jul 2024 10:24

Instrument :
BNA_M
ClientSampleId :
A4CM6

Tgt Ion:228 Resp: 347264

Ion	Ratio	Lower	Upper
228	100		
229	20.2	16.3	24.5
226	29.0	22.3	33.5

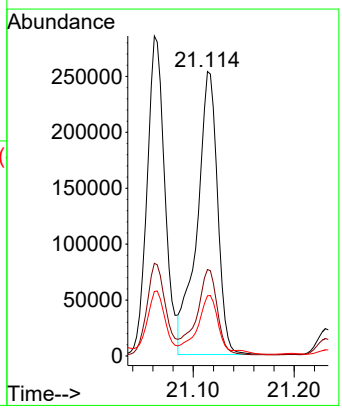


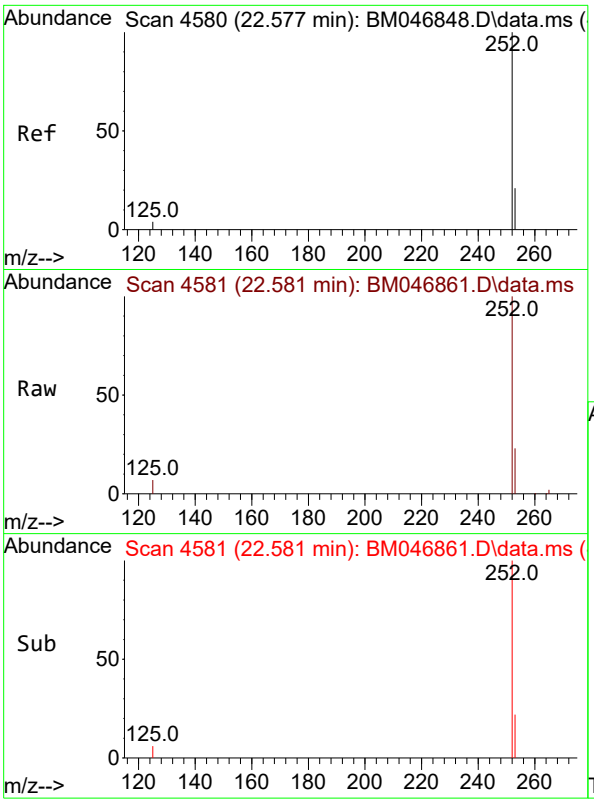


#22
Chrysene
Concen: 8.146 ng/ul
RT: 21.114 min Scan# 4079
Delta R.T. -0.003 min
Lab File: BM046861.D
Acq: 27 Jul 2024 10:24

Tgt Ion:228 Resp: 356742

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.5	36.7
229	21.2	16.2	24.2



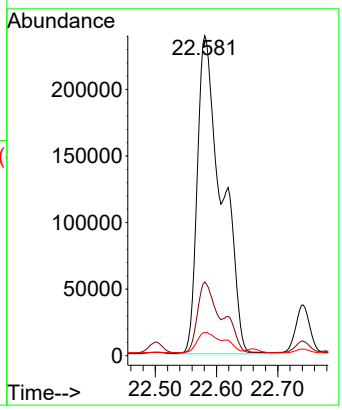


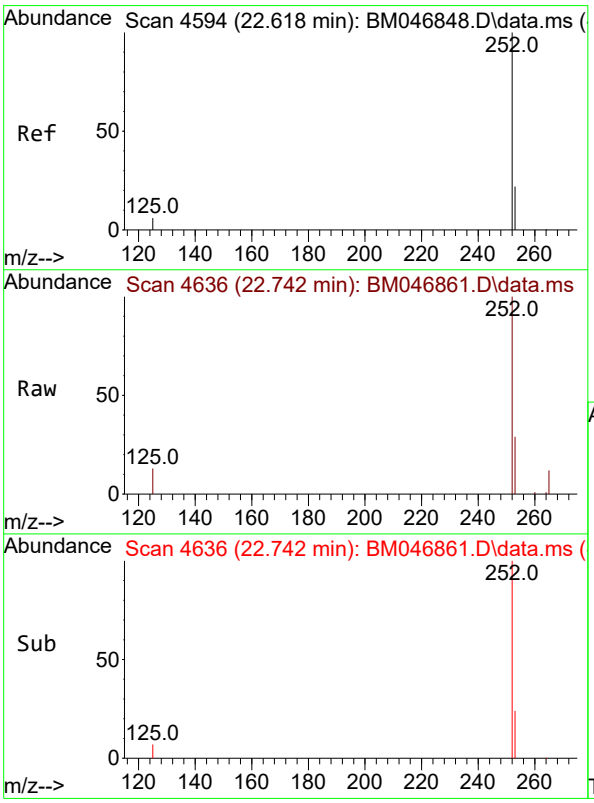
#24
Benzo(b)fluoranthene
Concen: 12.232 ng/ul
RT: 22.581 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM046861.D
Acq: 27 Jul 2024 10:24

Instrument :
BNA_M
ClientSampleId :
A4CM6

Tgt Ion:252 Resp: 660076

Ion	Ratio	Lower	Upper
252	100		
253	23.1	0.0	56.4
125	7.2	0.0	15.8

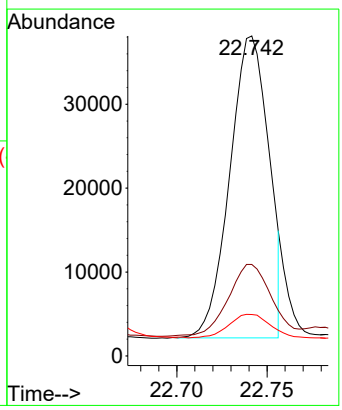


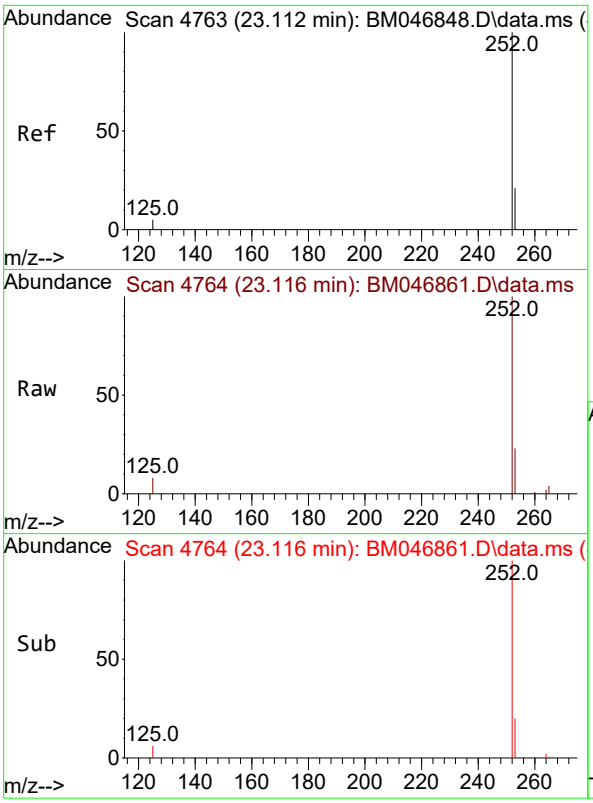


#25
Benzo(k)fluoranthene
Concen: 0.991 ng/ul
RT: 22.742 min Scan# 4636
Delta R.T. 0.120 min
Lab File: BM046861.D
Acq: 27 Jul 2024 10:24

Tgt Ion:252 Resp: 53863

Ion	Ratio	Lower	Upper
252	100		
253	28.6	23.5	35.3
125	13.0	8.6	13.0



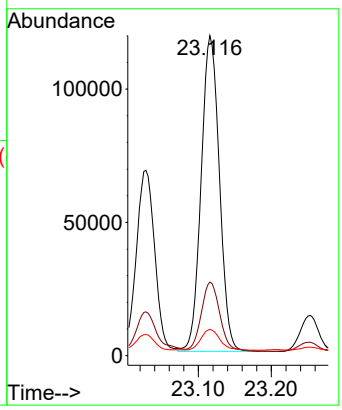


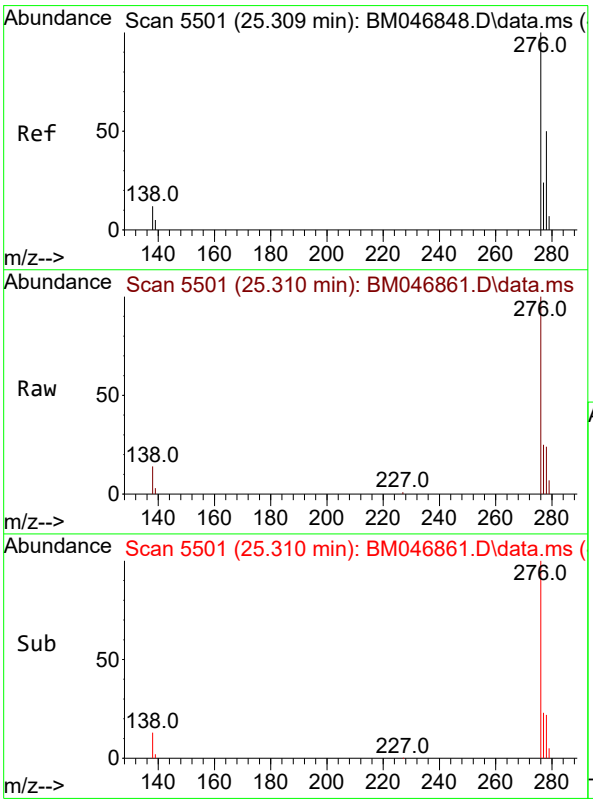
#26
Benzo(a)pyrene
Concen: 5.312 ng/ul
RT: 23.116 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM046861.D
Acq: 27 Jul 2024 10:24

Instrument :
BNA_M
ClientSampleId :
A4CM6

Tgt Ion:252 Resp: 205764

Ion	Ratio	Lower	Upper
252	100		
253	23.0	26.0	39.0#
125	8.3	7.8	11.8

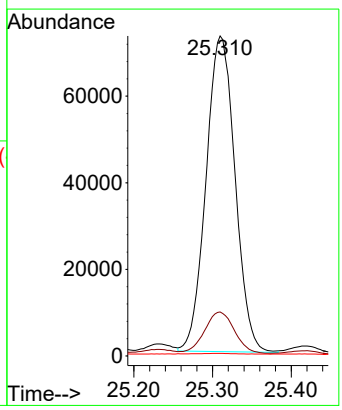


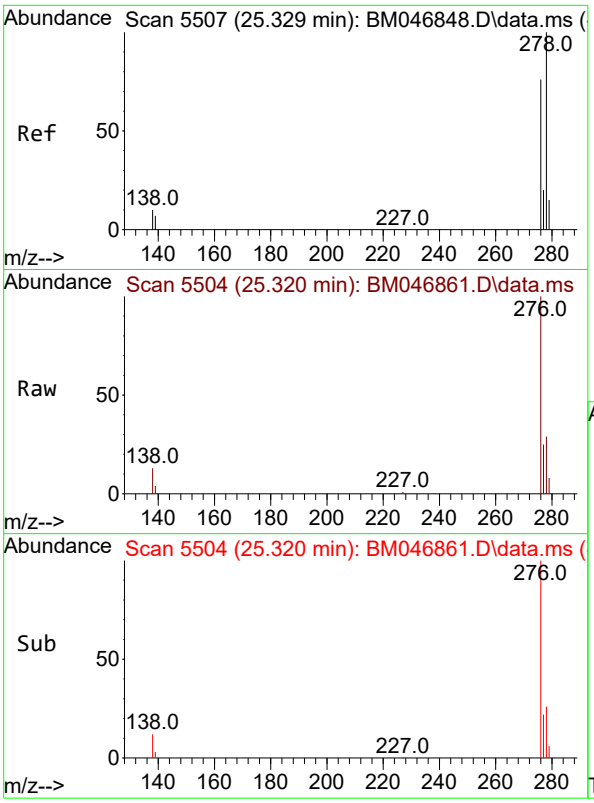


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.139 ng/ul
RT: 25.310 min Scan# 5501
Delta R.T. -0.006 min
Lab File: BM046861.D
Acq: 27 Jul 2024 10:24

Tgt Ion:276 Resp: 187148

Ion	Ratio	Lower	Upper
276	100		
138	13.4	9.7	14.5
227	0.1	0.2	0.2#



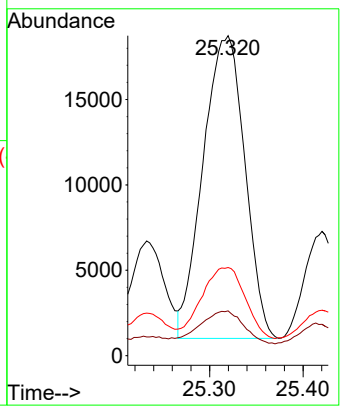


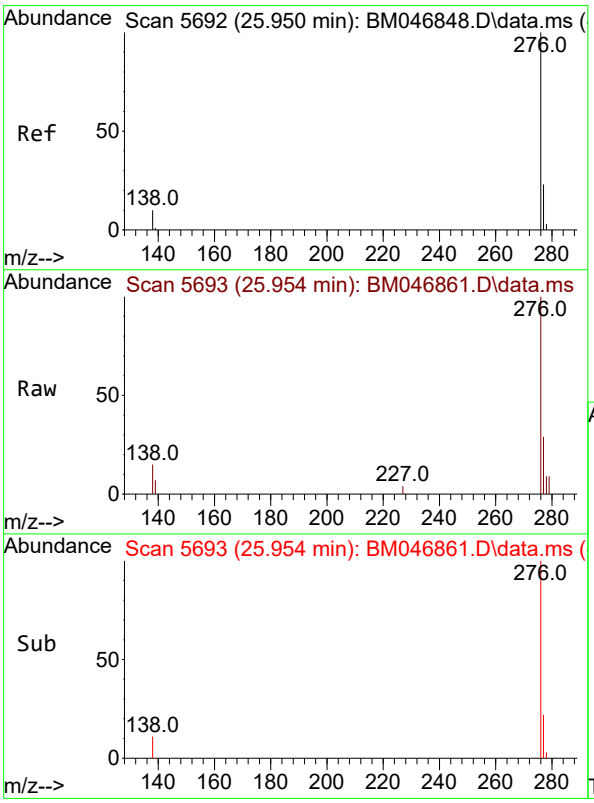
#28
Dibenzo(a,h)anthracene
Concen: 1.262 ng/ul
RT: 25.320 min Scan# 5
Delta R.T. -0.013 min
Lab File: BM046861.D
Acq: 27 Jul 2024 10:24

Instrument :
BNA_M
ClientSampleId :
A4CM6

Tgt Ion:278 Resp: 55066

Ion	Ratio	Lower	Upper
278	100		
139	14.0	9.8	14.8
279	27.6	25.2	37.8





#29
Benzo(g,h,i)perylene
Concen: 0.444 ng/ul
RT: 25.954 min Scan# 5693
Delta R.T. 0.000 min
Lab File: BM046861.D
Acq: 27 Jul 2024 10:24

Tgt Ion:276 Resp: 23306

Ion	Ratio	Lower	Upper
276	100		
138	15.1	9.5	14.3#
277	28.6	20.9	31.3